

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	"5834513"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 12:48
L3	13537	"phosphatidylcholine"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:11
L4	49742	lecithin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:12
L5	58819	L4 or L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:12
L6	15	"glycyrrretinic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:12
L7	3	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:36
L8	3	"6123960"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:41
L9	17	"5693337"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:46
L10	9	"2746009"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:50
L11	6	"2777179"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:50
S1	15	"glycyrrretinic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/04 13:11
S2	2	"6565864"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:04

S3	13493	"phosphatidylcholine"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:11
S4	8613	retinoid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:12
S5	8613	retinoid or retinoids	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:12
S6	590	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:13
S7	20317	"skin care" or dermatolog?	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:13
S8	49	S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:13
S9	7	S1 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:30
S10	24	"5976555"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:35
S11	4	"5716627"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:35
S12	11127	L and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:52
S13	1	S1 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 14:52
S14	7	"5723139"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 15:12

S15	4	"6471972"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/02 15:12
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:24:10 ON 04 AUG 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:24:22 ON 04 AUG 2005

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STRUCTURE FILE UPDATES: 3 AUG 2005 HIGHEST RN 858181-56-3

DICTIONARY FILE UPDATES: 3 AUG 2005 HIGHEST RN 858181-56-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

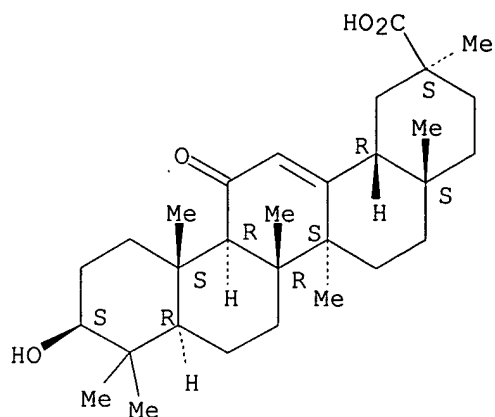
=> s 471-53-4

L1 1 471-53-4
(471-53-4/RN)

=> d str cn

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Olean-12-en-29-oic acid, 3-hydroxy-11-oxo-, (3 β ,20 β)- (9CI) (CA
INDEX NAME)

OTHER CA INDEX NAMES:

CN Olean-12-en-30-oic acid, 3 β -hydroxy-11-oxo- (8CI)

CN Uralenic acid (7CI)

OTHER NAMES:

CN α -Glycyrrhetic acid

CN 18 β -Glycyrrhetic acid

CN 18 β -Glycyrrhetic acid

CN Arthrodont

CN Biosone

CN Enoxolone

CN Glycyrrhetic acid

CN Glycyrrhetin

CN Glycyrrhetic acid

CN GM 1658

CN NSC 35347

CN PO 12

CN STX 352

CN Subglycyrrhelinic acid

=> file caplus medline biosis

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

2.27

2.48

FILE 'CAPLUS' ENTERED AT 13:25:05 ON 04 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 13:25:05 ON 04 AUG 2005

FILE 'BIOSIS' ENTERED AT 13:25:05 ON 04 AUG 2005

Copyright (c) 2005 The Thomson Corporation

=> s phosphatidylcholine or lecithin

L2 154958 PHOSPHATIDYLCHOLINE OR LECITHIN

=> S 471-53-4/rn

'RN' IS NOT A VALID FIELD CODE

'RN' IS NOT A VALID FIELD CODE

L3 1397 471-53-4/RN

=> s L3 and L2
 L4 32 L3 AND L2

=> s retinoid? or retinol or retinyl ester
 L5 64545 RETINOID? OR RETINOL OR RETINYL ESTER

=> s L3 and L5
 L6 46 L3 AND L5

=> s L4 and L5
 L7 3 L4 AND L5

=> d 1-3 L7 ibib abs

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:31216 CAPLUS
 DOCUMENT NUMBER: 136:90707
 TITLE: Skin conditioning compositions containing compounds
 for mimicking the effect of retinoic acid on skin
 INVENTOR(S): Granger, Stewart Paton; Scott, Ian Richard; Donovan,
 Robert Mark; Iobst-Teklits, Susanne; Licameli, Lisa
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited
 SOURCE: PCT Int. Appl., 74 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002074	A2	20020110	WO 2001-EP7234	20010625
WO 2002002074	A3	20030612		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2412788	AA	20020110	CA 2001-2412788	20010625
AU 2001079687	A5	20020114	AU 2001-79687	20010625
EP 1333800	A2	20030813	EP 2001-957886	20010625
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012142	A	20031007	BR 2001-12142	20010625
JP 2004501952	T2	20040122	JP 2002-506696	20010625
ZA 2002010288	A	20031219	ZA 2002-10288	20021219
US 2004043044	A1	20040304	US 2003-312659	20030811
PRIORITY APPLN. INFO.:				
			US 2000-215301P	P 20000630
			WO 2001-EP7234	W 20010625

AB A skin care product comprising about 0.001-10% of a **retinoid**, in combination with at least two **retinoid** boosters (0.0001-50%). **Retinoid** boosters are selected from fatty acid amides, carotenoids, flavonoids, non-cyclic fragrance compds., phospholipid analogs, ureas, **phosphatidylcholines**, phosphatidylethanolamines, sphingomyelins, fatty acids, linseed oil, elaidic acid, bifonazole, climbazole, clotrimazole, econazole, quercetin, coumarin, quinolines, isoquinolines, etc. A composition according to the invention is intended primarily as a product for topical application to human skin, especially as an agent for conditioning and smoothening the skin, and preventing or

reducing the appearance of wrinkled or aged skin. In use, a small quantity of the composition is applied to exposed areas of the skin, from a suitable container or applicator and, if necessary, it is then spread over and/or rubbed into the skin using the hand or fingers or a suitable device. For example, a synergistic inhibition of transglutaminase, as a marker of skin differentiation, was observed by **retinol** with various quaternary combinations of **retinoid** boosters, e.g., acetyl sphingosine, **phosphatidylcholine**, linoleic acid, and climbazole.

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:14982 CAPLUS
DOCUMENT NUMBER: 132:54905
TITLE: Compositions containing liposomes and/or emulsions and process for the preparation thereof
INVENTOR(S): Fukui, Masaru; Morioka, Shigeo
PATENT ASSIGNEE(S): Rohto Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000000178	A1	20000106	WO 1999-JP3467	19990629
W: JP, US				
RW: DE, FR, GB				
EP 1013268	A1	20000628	EP 1999-957621	19990629
R: DE, FR, GB				
US 2003044454	A1	20030306	US 2000-486570	20000229
PRIORITY APPLN. INFO.:			JP 1998-184000	A 19980630
			WO 1999-JP3467	W 19990629

AB The invention relates to compns. containing liposomes and/or emulsions, characterized by being prepared before using by making two fluids resp. of (1) a surfactant-containing oily phase and (2) an aqueous phase, at least either

of which contains an active ingredient, impact against each other.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:79993 CAPLUS
DOCUMENT NUMBER: 128:93003
TITLE: Stable cosmetic emulsions containing vitamin A esters
PATENT ASSIGNEE(S): Thorel, Jean Noel, Fr.
SOURCE: Fr. Demande, 15 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2746009	A1	19970919	FR 1996-3419	19960314
FR 2746009	B1	19980529		
PRIORITY APPLN. INFO.:			FR 1996-3419	19960314

AB A process for the preparation of an stable emulsion of vitamin A esters disclosed comprising the dissoln. of the ester in an aqueous phase containing propylene glycol, glycerin, and sorbitan monooleate in cold and mixing the solution thus obtained with a fatty acid ester phase with heating. A cream contained propylene glycol 7-9, cationic acrylic polymers 3-5, yellow iron oxide 0.05, glycolic acid 5, salicylic acid 0.5, vitamin A acetate 0.5,

18- β -glycyrrhetic acid 2.5, propylene glycol 0.2-0.60, glycerin
0.15-0.40, sorbitan monooleate 0.6-1.80, fatty acid esters 3-9, BHA
0.02-0.05, sodium parabens 0.30 and water q.s. 100%.

=> dup rem L4

PROCESSING COMPLETED FOR L4

L8 32 DUP REM L4 (0 DUPLICATES REMOVED)

=> s L8 and (PY<2002 or PRY<2002 or AY<2002)

'2002' NOT A VALID FIELD CODE

'2002' NOT A VALID FIELD CODE

2 FILES SEARCHED...

'2002' NOT A VALID FIELD CODE

'2002' NOT A VALID FIELD CODE

L9 26 L8 AND (PY<2002 OR PRY<2002 OR AY<2002)

=> s cosmetic? or skin care

L10 108345 COSMETIC? OR SKIN CARE

=> s L9 and L10

L11 11 L9 AND L10

=> d 1-11 ibib abs

L11 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:481188 CAPLUS

DOCUMENT NUMBER: 137:24165

TITLE: Melatonin and its water-soluble compounds combined
with antioxidants for **cosmetic** and
dermatological formulations having rejuvenating and
protective effects

INVENTOR(S): Ghisalberti, Carlo

PATENT ASSIGNEE(S): Cevoli, Stefano, Italy

SOURCE: Ital., 18 pp.
CODEN: ITXXBY

DOCUMENT TYPE: Patent

LANGUAGE: Italian

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
IT 1298962	B1	20000207	IT 1998-MI660	19980327 <--
PRIORITY APPLN. INFO.:			IT 1998-MI660	19980327 <--

AB **Cosmetic** and dermatol. prepn. containing melatonin and its
water-soluble adducts are disclosed which contain a variety of antioxidant and
dermoprotective active principles for use in preventing age-associated damage
to the skin. Procedures for producing water-soluble melatonin adducts with
adenosine and glycine are described.

L11 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:31216 CAPLUS

DOCUMENT NUMBER: 136:90707

TITLE: Skin conditioning compositions containing compounds
for mimicking the effect of retinoic acid on skin

INVENTOR(S): Granger, Stewart Paton; Scott, Ian Richard; Donovan,

PATENT ASSIGNEE(S): Robert Mark; Iobst-Teklits, Susanne; Licameli, Lisa
Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002074	A2	20020110	WO 2001-EP7234	20010625 <--
WO 2002002074	A3	20030612		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2412788	AA	20020110	CA 2001-2412788	20010625 <--
AU 2001079687	A5	20020114	AU 2001-79687	20010625 <--
EP 1333800	A2	20030813	EP 2001-957886	20010625 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012142	A	20031007	BR 2001-12142	20010625 <--
JP 2004501952	T2	20040122	JP 2002-506696	20010625 <--
ZA 2002010288	A	20031219	ZA 2002-10288	20021219 <--
US 2004043044	A1	20040304	US 2003-312659	20030811 <--
PRIORITY APPLN. INFO.:				
			US 2000-215301P	P 20000630 <--
			WO 2001-EP7234	W 20010625 <--

AB A **skin care** product comprising about 0.001-10% of a retinoid, in combination with at least two retinoid boosters (0.0001-50%). Retinoid boosters are selected from fatty acid amides, carotenoids, flavonoids, non-cyclic fragrance compds., phospholipid analogs, ureas, **phosphatidylcholines**, phosphatidylethanolamines, sphingomyelins, fatty acids, linseed oil, elaidic acid, bifonazole, climbazole, clotrimazole, econazole, quercetin, coumarin, quinolines, isoquinolines, etc. A composition according to the invention is intended primarily as a product for topical application to human skin, especially as an agent for conditioning and smoothening the skin, and preventing or reducing the appearance of wrinkled or aged skin. In use, a small quantity of the composition is applied to exposed areas of the skin, from a suitable container or applicator and, if necessary, it is then spread over and/or rubbed into the skin using the hand or fingers or a suitable device. For example, a synergistic inhibition of transglutaminase, as a marker of skin differentiation, was observed by retinol with various quaternary combinations of retinoid boosters, e.g., acetyl sphingosine, **phosphatidylcholine**, linoleic acid, and climbazole.

L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:477514 CAPLUS
 DOCUMENT NUMBER: 135:81840
 TITLE: Water-in-oil emulsion containing oil-soluble active agents and lipophilic emulsifiers for skin applications
 INVENTOR(S): Takizawa, Hiroko; Miyamoto, Sonoko
 PATENT ASSIGNEE(S): Lion Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001181166	A2	20010703	JP 1999-364438	19991222 <--
PRIORITY APPLN. INFO.:				
			JP 1999-364438	19991222 <--

AB The invention relates to a water-in-oil emulsion for skin application,

containing oil-soluble polar active agent having IOB value of 0.1-2, e.g. crotamiton, hydrocortisone, glycyrrhetic acid, and indomethacin, etc, and a lipophilic emulsifier having ≥ 2 C ≥ 8 hydrocarbon chains, wherein the composition has improved storage stability. A emulsion containing crotamiton 5, glycerin 5, EDTA 0.1, squalene 11.9, methylpolysiloxane 3, cetanol 5, Me paraben 0.1 Bu paraben 0.1, decaglyceryl pentaoleate 5, and water q.s. to 100 % was formulated.

L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:194761 CAPLUS
DOCUMENT NUMBER: 134:227408
TITLE: Skin preparations containing vaselines and surfactants
INVENTOR(S): Yamamoto, Yasuyuki
PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001072581	A2	20010321	JP 1999-253337	19990907 <--
PRIORITY APPLN. INFO.:			JP 1999-253337	19990907 <--

AB This invention relates to stable topical emulsions comprising vaselines emulsified with a low concentration of surfactants selected from the group consisting of polyglycerin fatty acid esters, basic amino acid N-acyl derivs., glycyrrhetic acid (salts and derivs.), **lecithins**, lysolecithins, hydrogenated **lecithins**, hydrogenated lysolecithins, and caseins (salts). The emulsions are obtained by using a high performance agitator and a high pressure homogenizer. The emulsions show low viscosity and provide little skin irritation. The emulsions are especially effective for alleviation of itching in atopic dermatitis. An emulsion contained vaseline 10, lysolecithin 0.3, Na casein 0.3, glycerin 5, pantothenic acid 0.25, methylparaben 0.02, and distilled water 84.13 %.

L11 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:518 CAPLUS
DOCUMENT NUMBER: 132:26654
TITLE: **Cosmetic** or dermatological compositions comprising a hydrophobic liquid-based vehicle
INVENTOR(S): Meybeck, Alain
PATENT ASSIGNEE(S): LVMH Recherche, Fr.
SOURCE: Fr. Demande, 22 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2777179	A1	19991015	FR 1998-4440	19980409 <--
PRIORITY APPLN. INFO.:			FR 1998-4440	19980409 <--

AB **Cosmetic** or dermatol. compns. contain a hydrophobic liquid-based vehicle comprising C6-40 hydrocarbons, esters of fatty acids or fatty alcs., cyclomethicones 10-95, water 1-30, and **lecithin** 1-60%. An antiwrinkle **cosmetic** contained perhydrosqualene 50, vitamin A propionate 0.5, perfumes 0.5, soya **lecithin** 30, glycerol 4, vitamin E phosphate 0.2, vitamin C phosphate 0.2, p-hydroxybenzoate preservatives 0.3, and water q.s. 100.

L11 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:244552 CAPLUS

DOCUMENT NUMBER: 130:286820
 TITLE: Co-ground products for **cosmetic** and dermatological use
 INVENTOR(S): Bader, Stefano; Masiello, Sandra
 PATENT ASSIGNEE(S): Telos S.R.L., Italy
 SOURCE: PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9917736	A1	19990415	WO 1998-EP6329	19981006 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9911504	A1	19990427	AU 1999-11504	19981006 <--
EP 1023041	A1	20000802	EP 1998-954343	19981006 <--
EP 1023041	B1	20050119		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
AT 287254	E	20050215	AT 1998-954343	19981006 <--
PRIORITY APPLN. INFO.:			IT 1997-MI2276	A 19971007 <--
			WO 1998-EP6329	W 19981006 <--

AB The present invention relates to co-ground products for the **cosmetic** and dermatol. use, obtainable by co-grinding, without the use of solvents, at least two solid components, in the homogeneously split crystalline or amorphous forms, selected from **cosmetic** active ingredients, carriers able to modify the hydrophilic or lipophilic characteristics of the system or its release or absorption characteristics, and/or inert inorg. materials. For example, 3.3 g of Ginkgo biloba dry extract and 16.5 g pectin were sieved through a 60 mesh sieve and mixed for 5 min. The mixture was placed in the grinding chamber of a vibrational mill together with conventional grinding media for 4 h to be used for **cosmetic** formulations.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:188988 CAPLUS
 DOCUMENT NUMBER: 130:271870
 TITLE: Lipid vesicle-dispersed skin preparations containing neutralized crosslinked poly(2-acrylamido-2-methylpropanesulfonic acid)
 INVENTOR(S): Favre, Sophie; Terren, Nadia
 PATENT ASSIGNEE(S): L'Oreal S. A., Fr.
 SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11071229	A2	19990316	JP 1998-192158	19980707 <--
JP 3001856	B2	20000124		
FR 2765802	A1	19990115	FR 1997-8673	19970708 <--

FR 2765802 B1 20000107
 EP 919217 A1 19990602 EP 1998-401443 19980612 <--
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 CA 2241305 AA 19990108 CA 1998-2241305 19980707 <--
 US 6123960 A 20000926 US 1998-110445 19980707 <--
 PRIORITY APPLN. INFO.: FR 1997-8673 A 19970708 <--

OTHER SOURCE(S): MARPAT 130:271870

AB The invention relates to lipid vesicle-dispersed skin preps., e.g.,
cosmetics and dermatol. products, suitable for including an organic
 acid as an active ingredient for wrinkle or comedo treatment, wherein the
 preparation contains crosslinked poly(2-acrylamido-2-methylpropanesulfonic
 acid) (I), which is ≥ 90 % neutralized. The use of the neutralized
 crosslinked I enables the organic acid to be stable in the preparation while
 providing sufficient viscosity without using surfactants. A foundation
 (dispersion of aqueous core-containing vesicles at pH 3.3) was prepared from

Generol

122E5 (ethoxylated soybean sterol) 1.6, Lecinol S10 (hydrogenated
lecithin) 2.4, palm oil 6.5, unstable deodorized apricot stone-oil
 9.5, fruit α -hydroxy acid mixture (lactic acid/glycolic acid/citric
 acid = 30/15/4) 1, I 0.9 g, and deionized water and other ingredients q.s.
 The foundation was stable during 5 mo storage at room temperature

L11 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:79993 CAPLUS
 DOCUMENT NUMBER: 128:93003
 TITLE: Stable **cosmetic** emulsions containing vitamin
 A esters
 PATENT ASSIGNEE(S): Thorel, Jean Noel, Fr.
 SOURCE: Fr. Demande, 15 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2746009	A1	19970919	FR 1996-3419	19960314 <--
FR 2746009	B1	19980529		

PRIORITY APPLN. INFO.: FR 1996-3419 19960314 <--

AB A process for the preparation of an stable emulsion of vitamin A esters
 disclosed comprising the dissoln. of the ester in an aqueous phase containing
 propylene glycol, glycerin, and sorbitan monooleate in cold and mixing the
 solution thus obtained with a fatty acid ester phase with heating. A cream
 contained propylene glycol 7-9, cationic acrylic polymers 3-5, yellow iron
 oxide 0.05, glycolic acid 5, salicylic acid 0.5, vitamin A acetate 0.5,
 18- β -glycyrrhetic acid 2.5, propylene glycol 0.2-0.60, glycerin
 0.15-0.40, sorbitan monooleate 0.6-1.80, fatty acid esters 3-9, BHA
 0.02-0.05, sodium parabens 0.30 and water q.s. 100%.

L11 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:209937 CAPLUS
 DOCUMENT NUMBER: 124:242363
 TITLE: Stable pharmaceutical lipid emulsions containing oils
 and emulsifiers and **lecithins**
 INVENTOR(S): Suzuki, Hidekazu; Yamazaki, Satoshi; Naito, Yoshikazu;
 Endo, Kenji; Oguma, Touru; Maeda, Makoto
 PATENT ASSIGNEE(S): Wakamoto Pharmaceutical Co., Ltd., Japan
 SOURCE: Can. Pat. Appl., 77 pp.
 CODEN: CPXXEB
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2153553	AA	19960114	CA 1995-2153553	19950710 <--
US 5693337	A	19971202	US 1995-500087	19950710 <--
EP 700678	A1	19960313	EP 1995-110923	19950712 <--
R: DE, FR, GB, IT				
JP 08081360	A2	19960326	JP 1995-197896	19950712 <--
PRIORITY APPLN. INFO.:			JP 1994-183045	A 19940713 <--

AB A lipid emulsion which comprises (A) an oil component, (B) an emulsifying agent containing yolk **lecithin** and/or soybean **lecithin**, and (C) water, wherein the lipid emulsion further comprises citric acid or a pharmaceutically acceptable salt thereof and at least one member selected from the group consisting of methionine, phenylalanine, serine, histidine and pharmaceutically acceptable salts thereof, provided that is does not simultaneously contain methionine and phenylalanine. The emulsion does not change of color and formation of oil drops associated with the conventional natural **lecithin**-containing lipid emulsions due to the synergistic effect of the foregoing additives. The drug containing lipid emulsion is also excellent in storage stability and thus the foregoing lipid emulsion can be applied to drugs such as injections, eye drops, nasal drips, lotions or liniments, inhalants and drugs for oral administration or **cosmetics** such as humectants. A solution of 0.012 g of fluorometholone in 20 mL of ethanol was added to a solution of 20 mL hexane:ethanol (10:1) containing 0.54 g of yolk **lecithin** and 0.06 g of yolk phosphatidylethanolamine and mixed, followed by evaporation of solvent to obtain a lipid film. To the lipid film was added 5.4 g of soybean oil and 94 mL of 2% glycerin aqueous solution followed by vigorous stirring through shaking to carry out preliminary emulsification. The preliminarily emulsified liquid was passed through microfluidizer 10 times under a pressure of 750 kg/cm² to emulsify the liquid, the pH value of the emulsified liquid was adjusted to 6.5-7.5 to give a milk white stock lipid emulsion.

L11 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:241988 CAPLUS

DOCUMENT NUMBER: 116:241988

TITLE: Skin **cosmetics** containing liposomes comprising a light-degradable **phosphatidylcholine**

INVENTOR(S): Hashimoto, Akira; Kusumi, Akihiro; Yamaguchi, Kazuo

PATENT ASSIGNEE(S): Sunstar, Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04029915	A2	19920131	JP 1990-136530	19900524 <--
PRIORITY APPLN. INFO.:			JP 1990-136530	19900524 <--

AB Skin **cosmetics** contain light-degradable liposomes comprising 2-O₂NC₆H₄CH₂O₂C(CH₂)₁₀CO₂CH₂CH[O₂C(CH₂)₁₀CO₂CH₂C₆H₄NO₂-2]CH₂OP(O)(O-)(O(CH₂)₂NMe₃+(I). 1,10-Decanedicarboxylic acid (II) was refluxed with SOCl₂ for 3 h to give 77% II dichloride, which was treated with 2-nitrobenzyl alc. and Et₃N in THF at room temperature for 11 h to give 15% II mono-2-nitrobenzyl ester. This was stirred with sn-glycero-3-phosphocholine-CdCl₂ complex, DCCD, and 4-dimethylaminopyridine in CHCl₃ at room temperature under dark for 4 days to give 82% I. A CHCl₃ solution containing I was charged in a test tube, dried, mixed with a buffer containing vitamin C at 50° for 10 min, treated with hypersonic waves, and subjected to gel permeation chromatog. to give liposomes, which were irradiated by UV-light

for 5 min to release 100% vitamin C. A lotion containing the liposomes (containing vitamin C) was formulated.

L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1983:600350 CAPLUS

DOCUMENT NUMBER: 99:200350

TITLE: Hydrated lipid lamellar phases for pharmaceuticals or cosmetics

INVENTOR(S): Redziniak, Gerard; Meybeck, Alain

PATENT ASSIGNEE(S): Parfums Christian Dior S. A., Fr.

SOURCE: Fr. Demande, 28 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2521565	A1	19830819	FR 1982-2620	19820217 <--
FR 2521565	B1	19850705		
CA 1208133	A1	19860722	CA 1983-421067	19830207 <--
EP 87993	A1	19830907	EP 1983-400281	19830209 <--
EP 87993	B1	19860702		
EP 87993	B2	19900103		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 20574	E	19860715	AT 1983-400281	19830209 <--
US 4508703	A	19850402	US 1983-465598	19830210 <--
DK 8300677	A	19830818	DK 1983-677	19830216 <--
JP 59031707	A2	19840220	JP 1983-25447	19830217 <--
JP 01050449	B4	19891030		
ES 519878	A1	19840501	ES 1983-519878	19830217 <--

PRIORITY APPLN. INFO.:

FR 1982-2620	A	19820217 <--
EP 1983-400281	A	19830209 <--

AB Powdered mixts. of amphiphilic lipid constituents and hydrophobic compds. are useful for the preparation of hydrated lipid lamellar phases (liposomes), which may be used for pharmaceuticals or cosmetics. Thus, a mixture was obtained from 9 g phosphatidylserine and 1 g β -sitosterol [83-46-5] in 50 mL CHCl₃. A solution of 0.1 g Na stearylglutamate [38517-23-6] in 25 mL was added to the phospholipid solution and the resulting mixture evaporated in an atomizer at 75°. A fine white powder was obtained which was treated with 100 mL solution of 2% hyaluronidase and 0.9% NaCl. The mixture was homogenized and the resulting gel was diluted with physiol. NaCl solution. An electron microscope showed the presence of liposomes.

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

71.55

74.03

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-10.22

-10.22

STN INTERNATIONAL LOGOFF AT 13:32:07 ON 04 AUG 2005